Appl. Serial No. 10/602,581 Amendment Dated 9 September 2004 Reply to Office Action of 9 June 2004

63479.0109

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## In The United States Patent & Trademark Office

Inventor(s):

Adams et al

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Filed:

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For:

System-on-Chip (SOC) Architecture With Arbitrary Pipeline Depth

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Art Unit: Examiner:

Thomas J. Cleary

Mail Stop Amendment **Commissioner for Patent** P.O. Box 1450 Alexandria, VA 22313-1450 Via Facsimile (703) 872-9306 (Central Fax Number)

Sir:

## **Amendment Under 37 CFR 1.111**

In response to the Office Action mailed 09.06.2004 (09 June 2004), please amend this US patent application as follows:

Amendments to the Claims are reflected in the listing of claims that begins on page 2 of this paper.

Remarks/Arguments begin on page 9 of this paper.